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TITLE : BIODEGRADABLE MULCH FOR AGRICULTURE

ABSTRACT : PROBLEM TO BE SOLVED: To provide biodegradable mulch for agriculture having biodegradability, excellent flexibility, impact resistance and film-forming properties, suppressing bleedout of a plasticizer, and standing long-term use.

SOLUTION: The biodegradable mulch for agriculture comprises a film having a polylactic acid, a biodegradable aliphatic-aromatic copolyester having $\leq 0^{\circ}\text{C}$ glass transition temperature, an oxyacid ester plasticizer and an inorganic filler as constituent. The formulation ratio of the polylactic acid and the biodegradable aliphatic-aromatic copolyester is 80/20-30/70 (mass%).

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